

**Fermilab**

December 8, 1982

TO: Phil Livdahl, Chairman LSC
FROM: Larry Coulson^{LC}, Robert Adams^{BA}

SUBJECT: Report on Review of Safety Shoe Purchases

Shoe purchases, both on-site and off-site, were reviewed for FY 80 and FY 82 in order to determine if there are any trends. The following we believe are worth noting on the attached summary:

*The percentage of Lab personnel purchasing shoes has decreased (item 1) as well as the number of shoes purchased (item 2).

*The percentage of shoes purchased off-site has remained about constant (item 3).

*The average life of shoes has increased (item 4).

*The average cost of shoes purchased off-site has increased faster than the cost of on-site purchases (items 5 & 6).

*"Abuse" has been reduced (item 9).

The effect of the administrative controls instituted early in FY 81 is apparent.

The attached graph* indicates the distribution of the number of shoes purchased per person for the two years and the repurchase frequency. Here also, it is obvious that there is an improvement. The number of persons getting more than two pair of shoes per year has decreased from about 14% to about 7%. The repurchase frequency has not changed except for the two month period of time after the first purchase. That is there has been an increase in the percentage of persons buying another pair of shoes within the first two months after buying the first pair.

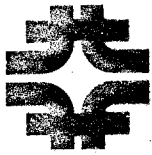
Recommendations

It is our recommendation that no changes are needed at this time. The sensible administrative controls over both on and off-site purchases should be continued. Minor adjustments in these controls should routinely be made by the Business Services Section.

LC/RA/cm

Attachment

*This is taken from examining the detailed purchase records for a sample of 250 persons.



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<u>ITEM</u>	<u>FY 80</u>	<u>FY 82</u>
1. # of persons getting safety shoes on-site	~1600 (88% of Lab population)	~1200 (61% of Lab population)
2. # of shoes purchased on-site	1821	1658
3. # of shoes purchased off-site	97 (~5% of total)	68 (4% of total)
4. Average life of shoes purchased on-site	9.1 months	10.1 months
5. Average cost of shoes purchased on-site	\$35	\$38 (8% increase)
6. Average cost of shoes purchased off-site	\$51 (30→68)	\$62 (44→76) (21% increase)
7. Amount spent on on-site shoes	~\$68K	\$67K
8. Amount spent on off-site shoes	\$4.9K (~7% of total cost)	\$4.2K (6% of total cost)
9. Percent of persons getting more than 5 pairs of shoes	0.2%	0.06%

OF PAIR OF SHOES PURCHASED BY EMPLOYEES WHO PURCHASED AT LEAST ONE PAIR

90 OF EMPLOYEES

80
70
60
50
40
30
20
10

□ FY80
○ FY82

1 2 3 4 5 >5

OF PAIR PURCHASED

REPURCHASE PERIOD FOR EMPLOYEES PURCHASING MORE THAN ONE PAIR

KE 10 X 10 TO 1/2 INCH 46 1320
7 X 10 INCHES
MADE IN U.S.A.
KEUFFEL & ESSER CO.

90 OF EMPLOYEES

20
15
10
5

□ FY80
○ FY82

2 PAIR
AT ONE

0-2

2-4

4-6

6-12

REPURCHASE PERIOD (MONTHS)